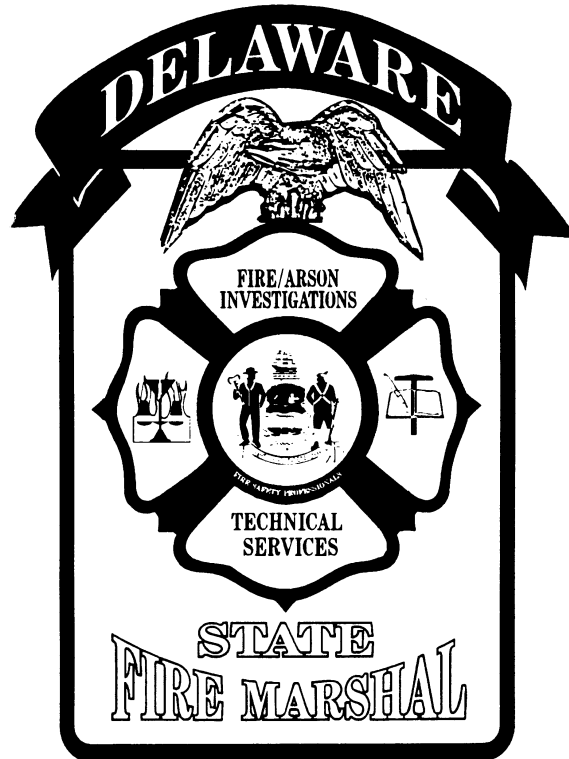


**EXAMINATION REQUIREMENTS**  
**FOR**  
**FIRE SUPPRESSION SYSTEM**  
**CERTIFICATION**



**AS PRESCRIBED BY**  
**THE STATE FIRE PREVENTION COMMISSION**  
**ON DECEMBER 11, 2012**  
**IN ACCORDANCE WITH**  
**THE STATE FIRE PREVENTION REGULATIONS**  
**REGULATION 703, CHAPTERS 5 AND 7**

**EXAMINATION REQUIREMENTS**  
**FOR**  
**FIRE SUPPRESSION SYSTEM**  
**CERTIFICATION**  
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**Classification of Fire Suppression System  
Licenses Certificates  
As per the State Fire Prevention Regulations  
Regulation 703, Chapters 5 and 7**

Table 1

<b>Class</b>	<b>Type of work that may be performed</b>
<b>I</b>	All types of fire suppression systems under Classes II, III, IV, and VIb.
<b>II</b>	Sprinkler and Standpipe Systems.
<b>IIIa</b>	Engineered CO <sub>2</sub> , fire suppression systems.
<b>IIIb</b>	Engineered Clean Agent fire suppression systems.
<b>IIIc</b>	Engineered Foam fire suppression systems.
<b>IIId</b>	Engineered Dry Chemical fire suppression systems.
<b>IIIe</b>	Engineered Water Mist fire suppression systems.
<b>IV</b>	Residential fire suppression systems (NFPA 13D systems)
<b>Va</b>	Pre-engineered CO <sub>2</sub> fire suppression systems only.
<b>Vb</b>	Pre-engineered Clean Agent fire suppression systems only.
<b>Vc</b>	Pre-engineered Foam fire suppression systems only.
<b>Vd</b>	Pre-engineered Dry Chemical fire suppression systems only.
<b>Ve</b>	Pre-engineered Wet Chemical fire suppression systems only.
<b>Vf</b>	Pre-engineered Water Mist suppression systems.
<b>VIa</b>	Inspection and Testing of all water-based systems.
<b>VIb</b>	Inspection, Testing and Maintenance of all non-water based (Special Suppression) fire suppression systems and Maintenance of water-based fire suppression systems.
<b>VIIIa</b>	Inspection and Testing of water-based In-House Licensed Systems, ONLY.
<b>VIIIb</b>	Inspection, Testing and Maintenance of all In-house Licensed non water-based (Special Suppression) fire suppression systems and Maintenance of water-based In-house fire suppression systems.

**Examination Requirements for  
Fire Suppression System Certification**  
As per the State Fire Prevention Regulations  
Regulation 703, Chapters 5 and 7

Table 2

<b>Certificate Class</b>	<b>Examination Requirements</b>
<b>I</b>	<ul style="list-style-type: none"> <li>• Successfully pass “Delaware State Fire Prevention Regulations” Examination</li> <li>• NICET Level II Certification in Water-Based Fire Protection Layout</li> <li>• NICET Level II Certification in Special Suppression Layout</li> </ul>
<b>II</b>	<ul style="list-style-type: none"> <li>• Successfully pass “Delaware State Fire Prevention Regulations” Examination</li> <li>• NICET Level II Certification in Water-Based Fire Protection Layout</li> </ul>
<b>IIIa - IIIe</b>	<ul style="list-style-type: none"> <li>• Successfully pass “Delaware State Fire Prevention Regulations” Examination</li> <li>• NICET Level II Certification in Special Suppression Layout</li> </ul>
<b>IV</b>	<ul style="list-style-type: none"> <li>• Successfully pass “Delaware State Fire Prevention Regulations” Examination</li> <li>• Successfully pass the current “Class IV Certification Exam” developed by the Office of the State Fire Marshal and administered by the Delaware Fire School.</li> </ul>
<b>Va-Vf</b>	<ul style="list-style-type: none"> <li>• Successfully pass “Delaware State Fire Prevention Regulations” Examination</li> <li>• NICET Level II Certification in Special Suppression Layout</li> </ul>
<b>VIa</b>	<ul style="list-style-type: none"> <li>• Successfully pass “Delaware State Fire Prevention Regulations” Examination</li> <li>• NICET Level II Certification in Inspection and Testing of Water-Based Systems</li> </ul>
<b>VIb</b>	<ul style="list-style-type: none"> <li>• Successfully pass “Delaware State Fire Prevention Regulations” Examination</li> <li>• NICET Level II Certification in Inspection and Testing of Water-Based Systems</li> <li>• NICET Level II Certification in Special Suppression Layout</li> </ul>
<b>VIIIa</b>	<ul style="list-style-type: none"> <li>• Successfully pass “Delaware State Fire Prevention Regulations” Examination</li> <li>• NICET Level II Certification in Inspection and Testing of Water-Based Systems</li> </ul>
<b>VIIIb</b>	<ul style="list-style-type: none"> <li>• Successfully pass “Delaware State Fire Prevention Regulations” Examination</li> <li>• NICET Level II Certification in Inspection and Testing of Water-Based Systems</li> <li>• NICET Level II Certification in Special Suppression Layout</li> </ul>

# **CLASS I**

## **FIRE SUPPRESSION SYSTEM CERTIFICATE EXAMINATIONS**

### **Section 1 – Scope of work which may be performed**

A Class I Fire Suppression System Certificate will allow the certificate holder to design, prepare technical documents, install and maintain Fire Suppression Systems under Class II, III, IV and VIb Certificates.

### **Section 2 – Examination Requirements** **(those applying for certification after December 11, 2012)**

1. State Fire Prevention Regulations Examination (SFPR Exam)  
The State Fire Prevention Regulations Exam is based on the current edition of the State Fire Prevention Regulations.  
  
The State Fire Prevention Regulations can be found on the website for the Office of the State Fire Marshal at <http://regulations.delaware.gov/AdminCode/title1/700/index.shtml>
  
2. NICET Water-Based Fire Protection Layout – Level II Certification  
Requirements and additional information can be found on NICET's website at [www.nicet.org](http://www.nicet.org)
  
3. NICET Special Suppression Fire Protection Layout – Level II Certification  
Requirements and additional information can be found on NICET's website at [www.nicet.org](http://www.nicet.org)

**CLASS II**  
**FIRE SUPPRESSION SYSTEM CERTIFICATE EXAMINATIONS**  
[Sprinkler and Standpipe Systems]

**Section 1 – Scope of work which may be performed**

A Class II Fire Suppression System Certificate will allow the certificate holder to design, prepare technical documents, maintain, and install sprinkler and standpipe systems beginning at the point where the water supply is used exclusively for the fire suppression system.

**Section 2 – Examination Requirements**  
**(those applying for certification after December 11, 2012)**

1. State Fire Prevention Regulations Examination (SFPR Exam)  
The State Fire Prevention Regulations Exam is based on the current edition of the State Fire Prevention Regulations.  
  
The State Fire Prevention Regulations can be found on the website for the Office of the State Fire Marshal at <http://regulations.delaware.gov/AdminCode/title1/700/index.shtml>
  
2. NICET Water-Based Fire Protection Layout – Level II Certification  
Requirements and additional information can be found on NICET’s website at [www.nicet.org](http://www.nicet.org)

**CLASS IIIa - IIIe**  
**FIRE SUPPRESSION SYSTEM CERTIFICATE**  
[Engineered CO2, clean agent, foam, dry chemical, and water-mist Fire Suppression Systems]

**Section 1 – Scope of work which may be performed**

A Class III Fire Suppression System Certificate will allow the certificate holder to prepare technical documents, install, inspect, test and maintain engineered carbon dioxide, clean agent, foam, dry chemical, and water mist fire suppression systems.

**Section 2 – Examination Requirements**  
**(those applying for certification after December 11, 2012)**

1. State Fire Prevention Regulations Examination (SFPR Exam)  
The State Fire Prevention Regulations Exam is based on the current edition of the State Fire Prevention Regulations.  
  
The State Fire Prevention Regulations can be found on the website for the Office of the State Fire Marshal at <http://regulations.delaware.gov/AdminCode/title1/700/index.shtml>
  
2. NICET Special Suppression Fire Protection Layout – Level II Certification  
Requirements and additional information can be found on NICET’s website at [www.nicet.org](http://www.nicet.org)

**CLASS IV**  
**FIRE SUPPRESSION SYSTEM CERTIFICATE**  
[One & Two Family Dwelling Sprinklers]

**Section 1 – Scope of work which may be performed**

A Class IV Fire Suppression System Certificate will allow the certificate holder to design, prepare technical documents, maintain, and install sprinkler systems in one- and two-family dwellings and/or manufactured homes (NFPA 13D systems).

**Section 2 – Examination Requirements (SFPR Exam)**  
**(those applying for certification after December 11, 2012)**

1. State Fire Prevention Regulations Examination (SFPR Exam)  
The State Fire Prevention Regulations Exam is based on the current edition of the State Fire Prevention Regulations.  
  
The State Fire Prevention Regulations can be found on the website for the Office of the State Fire Marshal at <http://regulations.delaware.gov/AdminCode/title1/700/index.shtml>
  
2. Fire Suppression System Class IV Certification Examination (FSS Class IV Exam)  
This Exam is based on Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes (NFPA 13D).

**CLASS Va - Vf**  
**FIRE SUPPRESSION SYSTEM CERTIFICATE**  
[Pre-engineered Fire Protection System]

**Section 1 – Scope of work which may be performed**

A Class V Fire Suppression System Certificate will allow the certificate holder to prepare technical documents, install, inspect, test and maintain pre-engineered fire protection systems.

**Section 2 – Examination Requirements**  
**(those applying for certification after December 11, 2012)**

1. State Fire Prevention Regulations Examination (SFPR Exam)  
The State Fire Prevention Regulations Exam is based on the current edition of the State Fire Prevention Regulations.  
  
The State Fire Prevention Regulations can be found on the website for the Office of the State Fire Marshal at <http://regulations.delaware.gov/AdminCode/title1/700/index.shtml>
  
2. NICET Special Suppression Fire Protection Layout – Level II Certification  
Requirements and additional information can be found on NICET's website at [www.nicet.org](http://www.nicet.org)

## **CLASS VIa**

### **FIRE SUPPRESSION SYSTEM CERTIFICATE**

[Testing and Inspection of Water-Based Fire Suppression]

#### **Section 1 – Scope of work which may be performed**

A Class VIa Fire Suppression System Certificate will allow the certificate holder to inspect and test water-based fire protection systems as specified in the National Fire Protection Association's National Fire Codes, for all fire suppression systems covered under Certificate Classifications II and IV.

#### **Section 2 – Examination Requirements**

**(those applying for certification after December 11, 2012)**

1. **State Fire Prevention Regulations Examination (SFPR Exam)**

The State Fire Prevention Regulations Exam is based on the current edition of the State Fire Prevention Regulations.

The State Fire Prevention Regulations can be found on the website for the Office of the State Fire Marshal at <http://regulations.delaware.gov/AdminCode/title1/700/index.shtml>

2. **NICET Inspection and Testing of Water Based Fire Suppression Systems – Level II Certification**

Requirements and additional information can be found on NICET's website at [www.nicet.org](http://www.nicet.org)

## **CLASS VIb**

### **FIRE SUPPRESSION SYSTEM CERTIFICATE**

#### **Section 1 – Scope of work which may be performed**

A Class VIb Fire Suppression System Certificate will allow the certificate holder to inspect, test and maintain service of fire suppression systems that are not water based, for all fire suppression systems covered under Certificate Classification III and performing maintenance service of water based fire protection systems, for all fire suppression systems covered under Certificate Classifications II and IV.

#### **Section 2 – Examination Requirements**

**(those applying for certification after December 11, 2012)**

1. **State Fire Prevention Regulations Examination (SFPR Exam)**

The State Fire Prevention Regulations Exam is based on the current edition of the State Fire Prevention Regulations.

The State Fire Prevention Regulations can be found on the website for the Office of the State Fire Marshal at <http://regulations.delaware.gov/AdminCode/title1/700/index.shtml>

2. **NICET Water-Based Fire Protection Layout – Level II Certification**

Requirements and additional information can be found on NICET's website at [www.nicet.org](http://www.nicet.org)

3. **NICET Special Suppression Fire Protection Layout – Level II Certification**

Requirements and additional information can be found on NICET's website at [www.nicet.org](http://www.nicet.org)



**CLASS VIIIa**  
**FIRE SUPPRESSION SYSTEM CERTIFICATE**  
**(RESERVED FOR IN-HOUSE LICENSEE'S)**

**Section 1 – Scope of work which may be performed**

A Class VIIIa Fire Suppression System Certificate will allow the certificate holder to inspect and test wholly owned or proprietary water-based fire suppression systems. This class of certificate is for In-House Licensees.

**Section 2 – Examination Requirements**  
**(those applying for certification after December 11, 2012)**

1. State Fire Prevention Regulations Examination (SFPR Exam)  
The State Fire Prevention Regulations Exam is based on the current edition of the State Fire Prevention Regulations.  
  
The State Fire Prevention Regulations can be found on the website for the Office of the State Fire Marshal at <http://regulations.delaware.gov/AdminCode/title1/700/index.shtml>
  
2. NICET Inspection and Testing of Water Based Fire Suppression Systems – Level II Certification  
Requirements and additional information can be found on NICET's website at [www.nicet.org](http://www.nicet.org)

**CLASS VIIIb**  
**FIRE SUPPRESSION SYSTEM CERTIFICATE**  
**(RESERVED FOR IN-HOUSE LICENSEE'S)**

**Section 1 – Scope of work which may be performed**

A Class VIIIb Fire Suppression System Certificate will allow the certificate holder to inspect, test, and maintain wholly owned or proprietary fire suppression systems that are not water-based and maintains water-based fire suppression systems. This class of certificate is for In-House Licensees.

**Section 2 – Examination Requirements**  
**(those applying for certification after December 11, 2012)**

1. State Fire Prevention Regulations Examination (SFPR Exam)  
The State Fire Prevention Regulations Exam is based on the current edition of the State Fire Prevention Regulations.  
  
The State Fire Prevention Regulations can be found on the website for the Office of the State Fire Marshal at <http://regulations.delaware.gov/AdminCode/title1/700/index.shtml>
  
2. NICET Water-Based Fire Protection Layout – Level II Certification  
Requirements and additional information can be found on NICET's website at [www.nicet.org](http://www.nicet.org)
  
3. NICET Special Suppression Fire Protection Layout – Level II Certification  
Requirements and additional information can be found on NICET's website at [www.nicet.org](http://www.nicet.org) (See Note 1)

<p><b>Note 1</b> – NICET Special Suppression Fire Protection Layout certification will not be required for those In-House Licensee's that are not inspecting, testing or maintaining special hazards systems</p>
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